Science for Sale

Chemical & Known Harms	[illegible] Safe Level	Dourson "Safe" Level	Science to Protect the Public Reality (see also attachment 1)
1,4-Dioxane *(Likely carcinogen)*	0.35 ppb	**1000x higher**	TERA with help from 7 governments, 3 consultants, & 2 industries develop new science increasing safe level.
1-Bromopropane *(Neurotoxin)*	0.3 – 10 ppm	**2 – 67x higher**	TERA develops a lower safe value than EPA's value in 2004; new science then allows lower safe level.
PFOA *(Thyroid disruption)*	.07 ppb	**2,143x higher**	Ten member panel with 5 government scientists sets safe level in 2002; new science then allows lower safe level.
TCE *(Carcinogen)*	2 $\mu g/m^3$	**1.5 – 15x higher**	TERA uses same safe doses as EPA; but specifies range of values using EPA definitions.
Perchlorate *(Thyroid disruption)*	0.7 µg/kg/day	**8.6x higher**	TERA lowers industry safe dose by 500; EPA then estimates its safe level within 3-fold of TERA's.
Chlorpyrifos *(Neurotoxin)*	.0017 – 0.3 µg/kg/day	**33–5,882x higher**	TERA reaffirms EPA older safe dose in 2005; new science then suggests a lower value.
Alachlor degradates *(Liver, kidney damage)*	20 – 70 ppb	**80 – 280x higher**	TERA and scientists from 4 governments develop safe levels; afterwards other states develop lower safe levels.
Acetochlor degradates *(Thyroid, reproductive disruption)*	100 – 300 ppb	**4.7 –14x higher**	TERA and scientists from 4 governments develop safe levels; afterwards other states develop lower safe levels.
Diacetyl *(Severe lung damage)*	5 — 10 ppb	**20 – 40x higher**	TERA develops the first occupation safe level; afterwards new analysis suggests a lower level.
Acrylamide *(Neurotoxin, likely carcinogen)*	.002 mg/kg/day	**10 – 25x higher**	TERA sets safe level using more data than EPA; EPA has a lower level, but uses less data.